

April 30, 2021

#### VIA ELECTRONIC MAIL

Luly E. Massaro, Commission Clerk Rhode Island Public Utilities Commission 89 Jefferson Boulevard Warwick, RI 02888

RE: Docket 4770 – Gas Business Enablement Program

<u>Quarterly Report – Second Quarter of Rate Year 3</u>

Dear Ms. Massaro:

On behalf of National Grid,<sup>1</sup> I attach for filing with the Public Utilities Commission ("Commission") in the above-referenced docket the Company's Gas Business Enablement Program quarterly report for the second quarter of Rate Year 3, pursuant to Article II, Section C.12.f. of the Amended Settlement Agreement approved by the Commission at its August 24, 2018 Open Meeting.<sup>2,3</sup>

Thank you for your attention to this matter. If you have any questions, please contact me at 401-480-1425.

Very truly yours,

Jennifer Brooks Hutchinson

n Buys High

Attachment

cc: Docket 4770 Service List Linda George, Division John Bell, Division Al Mancini, Division Christy Hetherington, Esq.

<sup>1</sup> The Narragansett Electric Company d/b/a National Grid ("National Grid" or the "Company").

<sup>&</sup>lt;sup>2</sup> See Report and Order No. 23823, In re Application of The Narragansett Electric Company d/b/a National Grid for Approval of a Change in Electric and Gas Base Distribution Rates Pursuant to R.I. Gen. Laws §§ 39-3-10 and 39-3-11 (Docket Nos. 4770 and 4780) (May 5, 2020).

<sup>&</sup>lt;sup>3</sup> Per Commission counsel's update on October 2, 2020, concerning the COVID-19 Pandemic emergency period, the Company is submitting an electronic version of this filing. The Company will provide the Commission Clerk with five (5) hard copies and, if needed, additional hard copies of the enclosures upon request.

## The Narragansett Electric Company d/b/a National Grid

### **Gas Business Enablement Program Quarterly Report**

Second Quarter of Rate Year 3

April 30, 2021

Docket No. 4770

#### **Submitted to:**

Rhode Island Public Utilities Commission

Submitted by:

nationalgrid

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4770 Gas Business Enablement Program Quarterly Report Rate Year 3 - Second Quarter Ended February 28, 2021

#### **Table of Contents**

I.	Introduction	1
II.	Overall Program Status	2
III.	Overview of Budgets to Actual Spending	6
IV.	Deferral Balance	6
V.	Conclusion	6

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4770 Gas Business Enablement Program Quarterly Report Rate Year 3 - Second Quarter Ended February 28, 2021 Page 1 of 7

#### I. <u>Introduction</u>

The Narragansett Electric Company d/b/a National Grid (the Company)<sup>1</sup> submits its quarterly report on the Gas Business Enablement Program for the second quarter of Rate Year (RY) 3<sup>2</sup> ended February 28, 2021 (Q2 RY3) in compliance with Article II, Section C.12.f. of the Amended Settlement Agreement filed in Docket No. 4770 and approved by the Rhode Island Public Utilities Commission (PUC or the Commission) at its Open Meeting on August 24, 2018 (see Report and Order No. 23823 issued May 5, 2020).

The Gas Business Enablement Program is a comprehensive business transformational program focused on strengthening and improving the performance of National Grid USA's (National Grid) gas business with regard to managing assets, delivering work, and serving customers. Specifically, the Gas Business Enablement Program will replace a number of aged computer systems; support continuous improvement in gas safety performance, including the implementation of American Petroleum Institute (API) Recommended Practice 1173 (API 1173); facilitate more effective and efficient delivery of the overall work plan; and progress the satisfaction of evolving customer expectations.

The Gas Business Enablement Program will implement the following capabilities:

- an industry-standard enterprise asset and work management platform;
- a scheduling platform to support optimized scheduling, work bundling, and routing of work;
- a Geographic Information System (GIS) with accurate foundation maps and conversion of gas service records and sketches, available with offline mobile functionality;
- a field mobility solution with base capabilities that include views of work assignment, electronic work packages, capture of work status and completion data, and capabilities to initiate work, attach pictures, and view legacy maps;
- an enterprise asset investment planning project portfolio management platform for project routing and approval, with the ability to forecast costs, integrated with scheduling and design;

<sup>&</sup>lt;sup>1</sup> The term "Company" refers to The Narragansett Electric Company's electric and gas distribution operations on a collective basis. The electric and gas operations of The Narragansett Electric Company together represent the entirety of the regulated operations conducted in Rhode Island by the Company. In this report, the regulated entity is referred to as the Company. Where there is a need to refer to the individual electric and gas distribution operations of the Company, the terms "Narragansett Electric" or "Narragansett Gas," respectively, are used in this report.

<sup>&</sup>lt;sup>2</sup> Rate Year 3 is the twelve-month period beginning September 1, 2020, and ending August 31, 2021.

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4770 Gas Business Enablement Program Quarterly Report Rate Year 3 - Second Quarter Ended February 28, 2021 Page 2 of 7

- an Asset Risk Management tool integrated with the GIS to assess asset condition and perform risk ranking/prioritization for asset replacement;
- a new Customer Contact Center "front end" solution to allow order creation and provide visibility of field work; and
- enhancements to existing customer platforms/portal to allow interactions between National Grid and the customer based on customer channel preferences to enable customers to have greater visibility and control of work to be completed at their premises.

The Gas Business Enablement Program also includes a comprehensive approach to change management to support delivery of the anticipated benefits associated with the Program's newly implemented capabilities.

Gas Business Enablement Program investments are shared investments that are implemented and owned by National Grid USA Service Company, Inc. (Service Company) and allocated to the US operating companies that benefit from these shared investments, including the Company. Gas Business Enablement Program capital expenses are allocated to benefitting US operating companies in the form of an annual Service Company rent expense once the investments are in-service. The Service Company rent expense includes a return on the capital investment (net of deferred taxes) plus booked depreciation expense. Gas Business Enablement Program operating expenses are allocated to benefitting US operating companies as they are incurred.

#### II. Overall Program Status

The Program made good progress against the roadmap, delivering seven releases in Rhode Island and Niagara Mohawk during the period of April 2018 to November 2020, including:

- Portfolio Anchor (PA) 1 (formerly referred to as Program Anchor 1) April 2018: The
  first Gas Business Enablement solution deployment with a minimum viable product
  (MVP) release of solutions for Corrosion, Instrumentation and Regulation, and Customer
  Meter Services (CMS) Collections capabilities including deployment of the enterprise
  asset management application (IBM Maximo), and the scheduling and dispatch and field
  mobility applications under Salesforce Field Service Lightning.
- PA2.1 October 2018: Enhancements to the capabilities delivered in PA1 and delivery of the MVP solution for resource management with the first release of the Workforce Time and Attendance application and the first implementation of the GIS solution.

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4770 Gas Business Enablement Program Quarterly Report Rate Year 3 - Second Quarter Ended February 28, 2021 Page 3 of 7

- PA2.2 December 2018: Enhancements to the Asset Investment Planning and Management application (Copperleaf C55) that automate and improve workflows for investment decision processes and the first MVP release of the Asset Risk Modelling software (Synergi Pipeline), including a standalone asset risk management solution for distribution integrity management (DIMP).
- PA2.2.5 April 2019: Expanded capabilities to the Asset Risk Modelling software (Synergi Pipeline) including risk ranking and scoring for Pressure Regulation facility assets (district regulator stations and custody transfer stations).
- PA2.3 July 2019: This release included new and expanded CMS solution for the Rhode Island business enabling gas and electric capabilities and Massachusetts electric businesses. This release also included the first deployment of the Salesforce customer relationship management solution in the Customer Contact Center integrated with the legacy customer information/billing system and the Salesforce field mobile application. Additionally, the release included further enhancements to Instrumentation & Regulation and Corrosion end to end solution (i.e., Maximo, Salesforce, and GIS), including expanded work types, and features enhancements and expanded functionality for the resource management solution (i.e., Workforce). The Asset Risk Management software enhancements included integration with the ESRI GIS solution to support asset risk ranking for distribution system assets and GIS enhancements in the ESRI and Lemur solutions. The release also delivered an MVP solution for leak management accelerating the delivery of these capabilities to Rhode Island that originally were planned to be delivered in 2020. The release delivered the above functionality to approximately 1160 users in Rhode Island, Massachusetts and New York.
- PA4.1 August 2020: Solution deployment with an MVP release of solutions for Construction & Maintenance to Rhode Island. Functionality includes Scheduling and Dispatch, Compatible Unit Library and Estimating, Restoration and Paving, Supply Chain, and Finance Integrations. This release impacted 92 users across Rhode Island, Massachusetts, and New York, which is a subset of the Program's overall stakeholders. The functionality provided by this release will be implemented to the remaining stakeholders via the subsequent releases.
- PA3.1 November 2020: Included additional enhancements and added features previously delivered in Rhode Island for PA1 and PA2 along with the release of an MVP solution to support the leak response, investigation, and grading of leaks. CMS and Field Operations employees will receive iPads; all will have access to view assets on maps through the GIS application. This release is the first deployment of the solution in New York and to Niagara Mohawk and impacted 1,856 users across New York and Massachusetts.

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4770 Gas Business Enablement Program Quarterly Report Rate Year 3 - Second Quarter Ended February 28, 2021 Page 4 of 7

As discussed in the Company's Q1 RY3 report, the Gas Business Enablement Program's activities continued to focus on essential work necessary to maintain safe and reliable service and safeguard the health of the Company's workforce, customers, and communities given the impact of the COVID-19 pandemic, the post go-live support to the most recent Rhode Island release (PA4.1) on August 18, 2020, as well as the first deployment to Niagara Mohawk (PA 3.1) on November 9, 2020. In addition, the Company continued to monitor COVID-19 pandemic developments in order to make appropriate and necessary adjustments to the comprehensive review of the pandemic's impact on subsequent releases as discussed in the Company's Q1 RY3 report according to the still-evolving COVID-19 pandemic.

#### A. Q2 RY3 Major Activities and Program Updates

During the quarter ended February 28, 2021, the Gas Business Enablement Program's activities focused on essential work necessary to maintain safe and reliable service and safeguard the health of the Company's workforce, customers, and communities given the impact of the COVID-19 pandemic, the post go-live support to the most recent Rhode Island release (PA4.1) on August 18, 2020, and the first deployment to Niagara Mohawk (PA 3.1) on November 9, 2020, as well as the completion and sanction on the comprehensive review of the roadmap for all remaining releases as shown in the Company's Q1 RY3 report Attachment 2. In addition, the Gas Business Enablement Program continued to work toward delivering the current construction solution to two new operating yards (the Lincoln Yard and the Dexter Street, Providence Yard) in Rhode Island by spring 2021.

In addition to the above, the Gas Business Enablement Program team actively engaged stakeholders within the business through key activities preparing the impacted end users at all levels through hands-on, scenario-based training, and upskilling the core stakeholders for the PA3.1 release. This included a total of 19[CY1] engagements in the form of 1 Linear Referencing System (LRS) engagement in Rhode Island and Niagara Mohawk, 2 New England Enhanced User Network engagements, 6 post go-live support touchpoints, 4 Niagara Mohawk Optimizer Town Halls, 1 Long Island Dispatcher Town Hall, 2 Niagara Mohawk management touchpoint calls, and 3 Dispatch supervisor touchpoints; a total of 22 total training sessions including 1 Rhode Island and Niagara Mohawk LRS training session, 2 Lincoln Crew Leader/Supervisor training sessions, 18 CMS Niagara Mohawk upskilling sessions, and 1 Dispatch/Resource Management Salesforce refresher training.

In addition to the above, Sustainment discussions with both Rhode Island and Niagara Mohawk leadership have been taken place twice weekly to ensure we continue to learn and evolve the operational performance from the new solutions and incorporate learn lessons for future releases. The Program plans to continue delivering small releases that include both solution fixes prioritized with business input and enhancements to eliminate any remaining defects.

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4770 Gas Business Enablement Program Quarterly Report Rate Year 3 - Second Quarter Ended February 28, 2021 Page 5 of 7

#### B. On-Going Implementation Plans for the Company

National Grid's business contingency planning in response to the evolving COVID-19 pandemic has imposed some limitations on implementation plans for the Gas Business Enablement Program. National Grid continues to evaluate its options to move the future program releases forward utilizing available technology. As discussed in the Company's previous quarterly reports, National Grid has suspended or limited business stakeholder engagement activities that require close personal contact, such as instructor-led training, workshops, and post-go-live-support activities, pending the identification and evaluation of virtual techniques that could serve as satisfactory alternatives. While the Gas Business Enablement Program is following National Grid's business contingency protocols and procedures because of the COVID-19 pandemic, stakeholder business readiness activities for major system implementation are impacted by the timing of the Gas Business Unit being able to return to normal and stable business operations.

As discussed above, the Gas Business Enablement Program team has adjusted the ways in which it has conducted deployment activities related to future releases. These adjustments include strengthening cutover and post go-live support processes and training business users on new functionality, utilizing tools and platforms to deliver online trainings with the approved virtual delivery training strategy from the business leadership.

Given the uncertainty of the length of the COVID-19 pandemic, the Gas Business Enablement Program team continues to evaluate alternative approaches, such as whether to group releases together to compress the schedule to mitigate the impacts of the COVID-19 restrictions, and further delays in deploying the solution to the remaining jurisdictions.

In addition, the Gas Business Enablement Program continues to demonstrate its agile approach to development and deployment, delivering small releases that included both solution fixes prioritized with business input and enhancements to users serving the Rhode Island business. As discussed in the Q4 RY2 report, the Gas Business Enablement Program team has successfully released the elements of the planned Niagara Mohawk (PA3.1) code to Rhode Island existing users to provide them the benefits from removal of a number of workarounds, planned defect fixes, and over 30 enhancements. This builds on the ongoing program of minor releases to existing users, as part of the Program's agile methodology to take user feedback into account and refine the solution accordingly. Rhode Island users will continue to benefit from the periodic deployment of enhancements to the Gas Business Enablement solution, either as mini-releases or concurrent with deployments in other jurisdictions throughout the Gas Business Enablement Program.

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4770 Gas Business Enablement Program Quarterly Report Rate Year 3 - Second Quarter Ended February 28, 2021 Page 6 of 7

#### III. Overview of Budgets to Actual Spending

The Gas Business Enablement Program spend (total Service Company capital and operating costs) allocated to the Company through Q2 RY3 was \$4.5 million compared to a budget of \$4.1 million. The difference in capital costs on Attachment 1, Schedule 1 is caused primarily by System Integrator contract change from milestone arrangement to times and materials and increased spend on software as well as more capitalized work as a result of the actual program activities.

Attachment 1, Schedule 1 provides the Gas Business Enablement Program RY3 cumulative budget versus actual results through Q2. Attachment 1, Schedule 2 provides the RY3 cumulative Gas Business Enablement Program spend allocated to the Company through Q2.

#### IV. Deferral Balance

As of February 28, 2021, \$8,717,358.77 has been deferred on the books of Narragansett Gas and \$1,419,521.64 has been deferred on the books of Narragansett Electric for recovery of Gas Business Enablement Program costs incurred through Q2 RY3 that exceeded the level of recovery allowed under the Amended Settlement Agreement. Of the \$8,717,358.77 deferred for Narragansett Gas, \$4,791,044.53 is related to Gas Business Enablement Program capital investment and \$3,926,314.24 is related to incremental Gas Business Enablement Program operating expenses. Of the \$1,419,521.64 deferred for Narragansett Electric, \$895,246.66 is related to Gas Business Enablement Program capital investment and \$524,274.98 is related to incremental Gas Business Enablement Program operating expenses.

#### V. <u>Conclusion</u>

As noted in this report for Rate Year 3 the second quarter ending February 28, 2021, National Grid has made good progress with the seven releases in Rhode Island and Niagara Mohawk during the period of April 2018 to November 2020 impacting 986 [cy2] employees in Rhode Island, including the most recent release (PA4.1) to Rhode Island. The Gas Business Enablement Program also has continued to focus on the post go-live support, the work on delivering small releases that include both solution fixes prioritized with business input and enhancements to eliminate any remaining defects, as well as the preparations including the design and development activities, testing, business engagement, and readiness activities for the next major releases to both Rhode Island and Long Island in late 2021.

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4770 Gas Business Enablement Program Quarterly Report Rate Year 3 - Second Quarter Ended February 28, 2021 Page 7 of 7

As described above, given the impact of the COVID-19 pandemic on the Company and its customers and the Company's need to focus on maintaining safe and reliable service and safeguarding the health our workforce, customers, and communities, the Program will continue to monitor developments related to the COVID-19 pandemic and make appropriate and necessary adjustments accordingly. In the meantime, the Program currently is working toward delivering the current construction solution to two new operating yards in Rhode Island by spring 2021, contingent upon the necessary activities being able to take place as planned during the COVID-19 pandemic. The Program will also continue to incorporate lessons learned into planning of future deployments, effectively manage risks and controls, and provide timely updates on program status to ensure transparency and deliver long-term success.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
Gas Business Enablement Quarterly Report
Rate Year 3 - Second Quarter Ended February 28, 2021
Attachment 1, Schedule 1
Page 1 of 1

#### TOTAL SERVICE COMPANY SPEND BY COST CENTER

September 2020 - February 2021

#### **GAS BUSINESS ENABLEMENT**

	Q1 - Q2 RY21					
GBE - COST CENTER DESCRIPTION GBE - COST CENTER #		Sep'20-Feb'21 BUDGET	Sep'20-Feb'21 ACTUALS		Sep'20-Feb'21 VARIANCE %	Variance Explanation
Processes & Business Requirements	4386	\$17,768,683	\$23,936,140	(\$6,167,457)	-14.76%	Represents CAPEX variance primarily driven by System Integrator contract change from milestone arrangement to times and materials
Information Services	4387	\$18,426,038	\$18,544,969	(\$118,931)	-0.28%	Represents CAPEX variance primarily driven by increased spend on software, offset by System Integrator contract change from milestone arrangement to times and materials and hardware costs
Business Design, Readiness & Deployment	4388	\$4,077,797	\$5,267,155	(\$1,189,358)	-2.85%	Represents CAPEX variance primarily driven by System Integrator contract change from milestone arrangement to times and materials
Portfolio Management 4388		\$1,513,140	\$1,852,959	(\$339,819)	-0.81%	Represents CAPEX variance primarily driven by System Integrator contract change from milestone arrangement to times and materials, offset by tightening Program support costs and expenses
TOTAL GBE - CAPEX		\$41,785,658	\$49,601,223	(\$7,815,565)	-18.70%	
TOTAL GBE SPEND - TOTEX		\$50,452,734	\$60,880,925	(\$10,428,191)		

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
Gas Business Enablement Quarterly Report
Rate Year 3 - Second Quarter Ended February 28, 2021
Attachment 1, Schedule 2
Page 1 of 1

# THE NARRAGANSETT ELECTRIC COMPANY ALLOCATED SPEND BY CATEGORY September 2020 - February 2021 GAS BUSINESS ENABLEMENT

	Q1 - Q2 RY21			
GBE - COST CENTER DESCRIPTION	GBE - COST CENTER #	Sep'20-Feb'21 BUDGET	Sep'20-Feb'21 ACTUALS	Sep'20-Feb'21 VARIANCE \$
Processes & Business Requirements	4386	\$1,595,627	\$1,583,150	\$12,477
Information Services	4387	\$1,420,648	\$1,436,211	(\$15,563)
Business Design, Readiness & Deployment	4388	\$314,398	\$406,098	(\$91,699)
Portfolio Management	4389	\$116,663	\$142,863	(\$26,200)
TOTAL GBE - CAPEX		\$3,447,336	\$3,568,322	(\$120,986)
TOTAL GBE SPEND - TOTEX		\$4,129,674	\$4,455,861	(\$326,188)

<u>Note:</u> Amount reflects Capital Spending for September 2020 - February 2021 only and does not reflect actual rent expense charged to Narragansett Electric Company through the Service Company. Cumulative Capital Spend, once placed in service, will be charged as rent expense through the Service Company.

#### Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate was electronically transmitted to the individuals listed below.

The paper copies of this filing are being hand delivered to the Rhode Island Public Utilities Commission and to the Rhode Island Division of Public Utilities and Carriers.

Joanne M. Scanlon

April 30, 2021
Date

## National Grid Docket No. 4770 (Rate Application) & Docket No. 4780 (PST) Combined Service list updated 4/1/2021

National GridJennifer.hutchinson@Jennifer Hutchinson, Esq.Andrew.marcaccio@	, , , , , , , , , , , , , , , , , , , ,
Jennifer Hutchinson, Esq.  Andrew.marcaccio@	nationalgrid.com: 401-784-7288
, 1	<u></u>
Celia O'Brien, Esq. <u>Celia.obrien@nation</u>	algrid.com;
National Grid Najat.coye@national	lgrid.com;
280 Melrose St. <u>Joanne.scanlon@nati</u>	ionalgrid.com;
Providence, RI 02907 <u>Bill.Malee@national</u>	lgrid.com;
Electric Transportation: Theresa.burns@natio	· · · · · · · · · · · · · · · · · · ·
Bonnie Crowlev Raffetto, Esq. Ann.leary@nationalg	
Nancy Israel, Esq. Scott.mccabe@nation	
National Grid <u>kate.grant2@national</u>	
40 Sylvan Road <u>Timothy.roughan@n</u>	·
Waltham, MA 02451 <u>Jason.Small@national</u>	
bonnie.raffetto@nati	
nancy.israel@nationa	-
Adam Ramos, Esq. <u>aramos@hinckleyallo</u>	<u>en.com;</u> 401-457-5164
Hinckley Allen	
100 Westminster Street, Suite 1500	
Providence, RI 02903-2319	
John Habib jhabib@keeganwerli	n.com: 617-951-1400
Keegan Werlin LLP	,
99 High Street, Suite 2900	
Boston, MA 02110	
Division of Public Utilities (Division) Leo.Wold@dpuc.ri.gov	<u>v;</u> 401-780-2140
Leo Wold, Esq.	
Christy Hetherington, Esq. Christy.Hetherington@	
Division of Public Utilities and Carriers Margaret.L.Hogan@dp	puc.ri.gov;

89 Jefferson Blvd.	John.bell@dpuc.ri.gov;	
Warwick, RI 02888	Linda.George@dpuc.ri.gov;	
	Al.mancini@dpuc.ri.gov;	
	Thomas.kogut@dpuc.ri.gov;	<del>- </del>
Tim Woolf	twoolf@synapse-energy.com;	617-661-3248
Jennifer Kallay		
Synapse Energy Economics	jkallay@synapse-energy.com;	
22 Pearl Street	mwhited@synapse-energy.com;	
Cambridge, MA 02139	D' 66 @ 1	602.064.6526
David Effron  Powkshire Consulting	Djeffron@aol.com;	603-964-6526
Berkshire Consulting 12 Pond Path		
North Hampton, NH 03862-2243		
Gregory L. Booth, PLLC	gboothpe@gmail.com;	919-441-6440
14460 Falls of Neuse Rd.	<del>g,</del>	
Suite 149-110		
Raleigh, N. C. 27614		919-810-1616
Linda Kushner		
L. Kushner Consulting, LLC		
514 Daniels St. #254		
Raleigh, NC 27605		
Office of Energy Resources (OER)	Albert.Vitali@doa.ri.gov;	401-222-8880
Albert Vitali, Esq.	nancy.russolino@doa.ri.gov;	
Dept. of Administration Division of Legal Services		
One Capitol Hill, 4 <sup>th</sup> Floor	Christopher.Kearns@energy.ri.gov;	
Providence, RI 02908	Nicholas.Ucci@energy.ri.gov;	
	Becca.Trietch@energy.ri.gov;	
	Carrie.Gill@energy.ri.gov;	
	Yasmin.Yacoby.CTR@energy.ri.gov;	
Conservation Law Foundation (CLF) Jerry Elmer, Esq.	jelmer@clf.org;	401-228-1904
Max Greene, Esq.	mgreene@clf.org;	
Conservation Law Foundation		
235 Promenade Street Suite 560, Mailbox 28		
Providence, RI 02908		
Dept. of Navy (DON)	kelsey.a.harrer@navy.mil;	757-322-4119
Kelsey A. Harrer, Esq.	noise, anaror e navy min,	757 522 1117
Office of Counsel		
NAVFAC Atlantic, Department of the		
Navy		
6506 Hampton Blvd.		
Norfolk, VA 23508-1278		

Var David di Dinata	labolostale davia di Omarra mile	
Kay Davoodi, Director	khojasteh.davoodi@navy.mil;	
Larry R. Allen, Public Utilities		
Specialist		
Utilities Rates and Studies Office	larry.r.allen@navy.mil;	
NAVFAC HQ, Department of the Navy	larry.r.anen@navy.nin,	
1322 Patterson Avenue SE		
Suite 1000		
Washington Navy Yard, D.C. 20374		
Ali Al-Jabir	and in him @ annount that a name.	
	aaljabir@consultbai.com;	
Maurice Brubaker		
Brubaker and Associates		
New Energy Rhode Island (NERI)	seth@handylawllc.com;	401-626-4839
Seth H. Handy, Esq.	,	
Handy Law, LLC	helen@handylawllc.com;	
	,	
42 Weybosset St.		
Providence, RI 02903		
	bdaniels@rileague.org;	401 272-3434
The RI League of Cities and Towns		
c/o Brian Daniels, Executive Director		
,		
PRISM & WCRPC	7. @	401 702 0000
c/o Jeff Broadhead, Executive Director	jb@wcrpc.org;	401-792-9900
C/O Jeff Broadhead, Executive Director		
Newport Solar	doug@newportsolarri.com;	401.787.5682
<u> </u>	doug@newportsolarri.com,	401.767.3062
c/o Doug Sabetti		
	hm@groon ri com	
Green Development, LLC	hm@green-ri.com;	
c/o Hannah Morini		
Clean Economy Development, LLC	jdash@cleaneconomydevelopment.com	
c/o Julian Dash	· ,	
ISM Solar Development, LLC	mlucini@ismgroup.com;	401.435.7900
c/o Michael Lucini	,	
C/O Wichael Edelli		
Handen A.C.	ym gan@hatyyd aams	401.861.1650
Heartwood Group, Inc.	unger@hrtwd.com;	401.801.1030
c/o Fred Unger		
Enorgy Consumors Allience of NE	iomio thodos@amail.com	401-225-3441
Energy Consumers Alliance of NE	jamie.rhodes@gmail.com;	401-223-3441
James Rhodes		
Rhodes Consulting		
860 West Shore Rd.		
Warwick, RI 02889		
	larry@massenergy.org;	
Larry Chretien, PPL	iairy winassenergy.org,	
,		
	1	

Acadia Center Robert D. Fine, Esq. Chace, Ruttenberg & Freedman, LLP	rfine@crfllp.com;	401-453-6400 Ext. 115
One Park Row, Suite 300 Providence, RI 02903	aboyd@acadiacenter.org;	617-472-0054 Ext. 102
Amy Boyd, Esq. Acadia Center 31 Milk St., Suite 501 Boston MA 02109-5128		
Northeast Clean Energy Council Joseph A. Keough, Jr., Esq.	jkeoughjr@keoughsweeney.com;	401-724-3600
Keough & Sweeney 41 Mendon Ave. Pawtucket, RI 02861	jmcdiarmid@necec.org;	
Jeremy McDiarmid, NECEC	dbosley@necec.org;	
Dan Bosley, NECEC Sean Burke	sburke@necec.org;	
The George Wiley Center	jwood@centerforjustice.org;	401-491-1101
Jennifer Wood Rhode Island Center for Justice	georgewileycenterri@gmail.com;	
1 Empire Plaza, Suite 410	Camiloviveiros@gmail.com;	
Providence, RI 02903	chloechassaing@hotmail.com;	
Camilo Viveiros, Wiley Center		
Wal-Mart Stores East & Sam's East,	mhorne@hcc-law.com;	401-272-3500
Melissa M. Horne, Esq. Higgins, Cavanagh & Cooney, LLC 10 Dorrance St., Suite 400		
Providence, RI 20903	Greg.tillman@walmart.com;	479-204-1594
Gregory W. Tillman, Sr. Mgr./ERA Walmart		
AMTRAK Clint D. Watts, Esq.	CWatts@mdmc-law.com;	401-519-3848
Paul E. Dwyer, Esq. McElroy, Deutsch, Mulvaney &	PDwyer@mdmc-law.com;	
Carpenter	BWeishaar@mcneeslaw.com;	
10 Dorrance St., Suite 700 Providence, RI 02903	KStark@mcneeslaw.com;	
Robert A. Weishaar, Jr., Esq. Kenneth R. Stark, Esq.		

Original & O copies file w/s	Luly massara@pya ri gayı	401-780-2107
Original & 9 copies file w/:	Luly.massaro@puc.ri.gov;	401-780-2107
Luly E. Massaro, Commission Clerk Public Utilities Commission	Cynthia.WilsonFrias@puc.ri.gov;	
89 Jefferson Blvd.	Alan.nault@puc.ri.gov;	
Warwick, RI 02888	Todd.bianco@puc.ri.gov;	
Waiwick, Ki 02000	Margaret.hogan@puc.ri.gov;	
	John.harrington@puc.ri.gov;	
DOCKET NO. 4780	John.narrington & puc.n.gov,	
DOCKET TO THOU		
ChargePoint, Inc.	EPare@brownrudnick.com;	617-856-8338
Edward D. Pare, Jr., Esq.	,	
Brown Rudnick LLP	jreyes@brownrudnick.com;	
One Financial Center		
Boston, MA 02111	Anne.Smart@chargepoint.com;	
,	Kevin.Miller@chargepoint.com;	
Anne Smart, Charge Point, Inc.	zzz i ministra e di mi goponiu com,	
Direct Energy	cwaksler@eckertseamans.com;	617-342-6800
Craig R. Waksler, Esq.	rmmurphy@eckertseamans.com;	
Eckert Seamans Cherin & Mellott, LLC	dclearfield@eckertseamans.com;	413-642-3575
Two International Place, 16th Floor	Marc.hanks@directenergy.com;	
Boston, MA 02110	,	
,		
Marc Hanks, Sr. Mgr./GRA		
Direct Energy Services,		
INTERESTED PERSONS		
EERMC	marisa@desautelesq.com;	401-477-0023
Marisa Desautel, Esq	guerard@optenergy.com;	
John DiTomasso, AARP	iditamassa @aarn argi	401-248-2655
	jditomasso@aarp.org;	401-248-2033
Frank Epps, EDP	Frank@edp-energy.com;	
Matt Davey	m dayyayy@aani aami	
Incom Daving	mdavey@ssni.com;	
Jesse Reyes	JReyes@brownrudnick.com;	
Nathan Phelps	JReyes@brownrudnick.com; nathan@votesolar.org;	
Nathan Phelps Douglas W. Gablinske, TEC-RI	JReyes@brownrudnick.com; nathan@votesolar.org; doug@tecri.org;	
Nathan Phelps Douglas W. Gablinske, TEC-RI Radina Valova, Pace Energy & Climate	JReyes@brownrudnick.com; nathan@votesolar.org;	
Nathan Phelps Douglas W. Gablinske, TEC-RI Radina Valova, Pace Energy & Climate Ctr.	JReyes@brownrudnick.com; nathan@votesolar.org; doug@tecri.org; rvalova@law.pace.edu;	412 642 2575
Nathan Phelps Douglas W. Gablinske, TEC-RI Radina Valova, Pace Energy & Climate Ctr. Marc Hanks, Sr. Mgr./GRA	JReyes@brownrudnick.com; nathan@votesolar.org; doug@tecri.org; rvalova@law.pace.edu;  Marc.hanks@directenergy.com;	413-642-3575
Nathan Phelps Douglas W. Gablinske, TEC-RI Radina Valova, Pace Energy & Climate Ctr. Marc Hanks, Sr. Mgr./GRA Direct Energy Services	JReyes@brownrudnick.com; nathan@votesolar.org; doug@tecri.org; rvalova@law.pace.edu;  Marc.hanks@directenergy.com; cwaksler@eckertseamans.com;	413-642-3575
Nathan Phelps Douglas W. Gablinske, TEC-RI Radina Valova, Pace Energy & Climate Ctr. Marc Hanks, Sr. Mgr./GRA Direct Energy Services Lisa Fontanella	JReyes@brownrudnick.com; nathan@votesolar.org; doug@tecri.org; rvalova@law.pace.edu;  Marc.hanks@directenergy.com; cwaksler@eckertseamans.com; Lisa.Fontanella@spglobal.com;	413-642-3575
Nathan Phelps Douglas W. Gablinske, TEC-RI Radina Valova, Pace Energy & Climate Ctr. Marc Hanks, Sr. Mgr./GRA Direct Energy Services Lisa Fontanella Janet Gail Besser, SEPA (Smart Electric	JReyes@brownrudnick.com; nathan@votesolar.org; doug@tecri.org; rvalova@law.pace.edu;  Marc.hanks@directenergy.com; cwaksler@eckertseamans.com;	413-642-3575
Nathan Phelps Douglas W. Gablinske, TEC-RI Radina Valova, Pace Energy & Climate Ctr. Marc Hanks, Sr. Mgr./GRA Direct Energy Services Lisa Fontanella Janet Gail Besser, SEPA (Smart Electric Power Alliance)	JReyes@brownrudnick.com; nathan@votesolar.org; doug@tecri.org; rvalova@law.pace.edu;  Marc.hanks@directenergy.com; cwaksler@eckertseamans.com; Lisa.Fontanella@spglobal.com;	413-642-3575
Nathan Phelps Douglas W. Gablinske, TEC-RI Radina Valova, Pace Energy & Climate Ctr. Marc Hanks, Sr. Mgr./GRA Direct Energy Services Lisa Fontanella Janet Gail Besser, SEPA (Smart Electric	JReyes@brownrudnick.com; nathan@votesolar.org; doug@tecri.org; rvalova@law.pace.edu;  Marc.hanks@directenergy.com; cwaksler@eckertseamans.com; Lisa.Fontanella@spglobal.com;	413-642-3575
Nathan Phelps Douglas W. Gablinske, TEC-RI Radina Valova, Pace Energy & Climate Ctr. Marc Hanks, Sr. Mgr./GRA Direct Energy Services Lisa Fontanella Janet Gail Besser, SEPA (Smart Electric Power Alliance)	JReyes@brownrudnick.com; nathan@votesolar.org; doug@tecri.org; rvalova@law.pace.edu;  Marc.hanks@directenergy.com; cwaksler@eckertseamans.com; Lisa.Fontanella@spglobal.com; jbesser@sepapower.org;	413-642-3575
Nathan Phelps Douglas W. Gablinske, TEC-RI Radina Valova, Pace Energy & Climate Ctr. Marc Hanks, Sr. Mgr./GRA Direct Energy Services Lisa Fontanella Janet Gail Besser, SEPA (Smart Electric Power Alliance) Frank Lacey, EAC Power	JReyes@brownrudnick.com; nathan@votesolar.org; doug@tecri.org; rvalova@law.pace.edu;  Marc.hanks@directenergy.com; cwaksler@eckertseamans.com; Lisa.Fontanella@spglobal.com; jbesser@sepapower.org;  frank@eacpower.com;	
Nathan Phelps Douglas W. Gablinske, TEC-RI Radina Valova, Pace Energy & Climate Ctr. Marc Hanks, Sr. Mgr./GRA Direct Energy Services Lisa Fontanella Janet Gail Besser, SEPA (Smart Electric Power Alliance) Frank Lacey, EAC Power Hank Webster	JReyes@brownrudnick.com; nathan@votesolar.org; doug@tecri.org; rvalova@law.pace.edu;  Marc.hanks@directenergy.com; cwaksler@eckertseamans.com; Lisa.Fontanella@spglobal.com; jbesser@sepapower.org;  frank@eacpower.com;	
Nathan Phelps Douglas W. Gablinske, TEC-RI Radina Valova, Pace Energy & Climate Ctr. Marc Hanks, Sr. Mgr./GRA Direct Energy Services Lisa Fontanella Janet Gail Besser, SEPA (Smart Electric Power Alliance) Frank Lacey, EAC Power Hank Webster Policy Advocate & Staff Attorney	JReyes@brownrudnick.com; nathan@votesolar.org; doug@tecri.org; rvalova@law.pace.edu;  Marc.hanks@directenergy.com; cwaksler@eckertseamans.com; Lisa.Fontanella@spglobal.com; jbesser@sepapower.org;  frank@eacpower.com;	

PPL Electric Utilities	rjreybitz@pplweb.com;	
Ronald Reybitz		
Stephen Breininger	skbreininger@pplweb.com;	